



JUL 06 2004

Sheet 1 of 2

Form PTO-1449
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**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Docket Number (Optional) BC1018 US CIP	Application Number 09/997,664
Applicant BEN-BASSAT ET AL.	
Filing Date November 28, 2001	Group Art Unit 1652

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DJS	3,985,797	10/12/76	MASSIE	260	502.4 R	10/01/75
DJS	4,657,863	04/14/87	MAXWELL	435	142	04/11/83
DJS	4,740,614	04/26/88	FJARE	562	416	02/19/87
DJS	4,910,143	03/20/90	VANDENBERGH	435	252.34	12/08/86
DJS	4,968,612	11/06/90	HSIEH	435	142	07/27/84
DJS	5,017,495	05/21/91	YEN	435	320.1	04/05/88
WS	5,079,166	01/07/92	WINTER	435	262	10/19/88
DJS	5,399,178	03/21/95	CHERPECK	44	415	12/17/93

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
					YES	NO
DJS 5-9154	01/19/93	JAPAN	C07C	65/03	X	
DJS 5-328981	12/14/93	JAPAN	C12P	7/40	X	
DJS 5-336980	12/21/93	JAPAN	C12P	7/42	X	
DJS 5-336979	12/21/93	JAPAN	C12P	7/42	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DJS	WHITED, GREGORY M. ET AL., SEPARATION AND PARTIAL CHARACTERIZATION OF THE ENZYMES OF THE TOLUENE-R-MONOXYGENASE CATABOLIC PATHWAY IN PSEUDOMONAS MENDOCINA KRI, <i>JOURNAL OF BACTERIOLOGY</i> , 173, NO. 9, 3017-3020, MAY 1991
DJS	JOHNSON, GLENN R. ET AL., MULTIPLE PATHWAYS FOR TOLUENE DEGRADATION IN BURKHOLDERIA SP. STRAIN JS150, <i>APPLIED AND ENVIRONMENTAL MICROBIOLOGY</i> , 63, NO. 10, 4047-4052, OCTOBER 1997
DJS	TAY, STEPHEN T.-L. ET AL., TWO NEW MYCOBACTERIUM STRAINS AND THEIR ROLE IN TOLUENE DEGRADATION IN A CONTAMINATED STREAM, <i>APPLIED AND ENVIRONMENTAL MICROBIOLOGY</i> , 64, NO. 5, 1715-1720, MAY 1998

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 07-30-04
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p style="text-align: center;">PCT/US03/12072 JUL 06 2005 PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)</p>				Docket Number (Optional) BC1018 US CIP	Application Number 09/997,664	
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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-	TRANSLATION
					CLASS	YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>DIS</i>	ZYLSTRA, G. J. ET AL., AROMATIC HYDROCARBON DEGRADATION BY SPHINGOMONAS YANOIKUYAE B1, <i>JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY</i> , 19, 408-414, 1997					
<i>DIS</i>	KOSONO, SAORI ET AL., THREE OF THE SEVEN BPHC GENES OF RHODOCOCCUS ERYTHROPOLIS TA421, ISOLATED FROM A TERMITE ECOSYSTEM, ARE LOCATED ON AN INDIGENOUS PLASMID ASSOCIATED WITH BIPHENYL DEGRADATION, <i>APPLIED AND ENVIRONMENTAL MICROBIOLOGY</i> , 63, NO. 8, 3282-3285, AUGUST 1997					
<i>DIS</i>	ROMINE, M. F. ET AL., IMPROVING THE BIODEGRADATIVE CAPACITY OF SUBSURFACE BACTERIA, <i>BIOREMEDIATION OF CHLORINATED AND POLYCYCLIC AROMATIC HYDROCARBON COMPOUNDS</i> , 271-276, 1994					
<i>DIS</i>	FRAZEE, RICHARD W., ET AL., CLONING, SEQUENCING, AND EXPRESSION OF THE PSEUDOMONAS PUTIDA PROTOCATECHUATE 3,4-DIOXYGENASE GENES, <i>JOURNAL OF BACTERIOLOGY</i> , 175, NO. 19, 6194-6202, OCTOBER 1993					
<i>DIS</i>	ROMERO-STEINER, SANDRA, ET AL., CHARACTERIZATION OF THE PCAR REGULATORY GENE FROM PSEUDOMONAS PUTIDA, WHICH IS REQUIRED FOR THE COMPLETE DEGRADATION OF P-HYDROXYBENZOATE, <i>JOURNAL OF BACTERIOLOGY</i> , 176, NO. 18, 5771-5779, SEPTEMBER 1994					
<i>DIS</i>	DIMARCO, ANTHONY A., ET AL., REGULATION OF P-HYDROXYBENZOATE HYDROXYLASE SYNTHESIS BY POBR BOUND TO AN OPERATOR IN ACINETOBACTER CALCOACETICUS, <i>JOURNAL OF BACTERIOLOGY</i> , 176, NO. 14, 4277-4284, JULY 1994					
<i>DIS</i>	WONG, CHERYL M., ET AL., CLONING AND SEQUENCING SHOW THAT 4-HYDROXYBENZOATE HYDROXYLASE (POBA) IS REQUIRED FOR UPTAKE OF 4-HYDROXYBENZOATE IN RHIZOBIUM LEGUMINOSARUM, <i>MICROBIOLOGY</i> , 2775-2786, 1994					
<i>DIS</i>	ENTSCH, BARRIE, ET AL., SEQUENCE AND ORGANIZATION OF POBA, THE GENE CODING FOR P-HYDROXYBENZOATE HYDROXYLASE, AN INDUCIBLE ENZYME FROM PSEUDOMONAS AERUGINOSA, <i>GENE</i> , 279-291, 1988					
<i>DIS</i>	MILLER, EDWARD S., ET AL., BIOCONVERSION OF TOLUENE TO P-HYDROXYBENZOATE VIA THE CONSTRUCTION AND CHARACTERIZATION OF A RECOMBINANT PSEUDOMONAS PUTIDA, <i>GREEN CHEMISTRY</i> , 143-152, JUNE 1999					
<i>DIS</i>	WRIGHT, ALICE, ET AL., SELF-MOBILIZATION AND ORGANIZATION OF THE GENES ENCODING THE TOLUENE METABOLIC PATHWAY OF PSEUDOMONAS MENDOCINA KRI, <i>APPLIED AND ENVIRONMENTAL MICROBIOLOGY</i> , 60, NO. 1, 235-242, JANUARY 1994					
	PCT/US03/12072, NO REFERENCE INCLUDED					
EXAMINER	DATE CONSIDERED <i>07-30-04</i>					
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